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Chemistry of Life

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| **Across**  **4.** Molecular compounds made from just three elements, carbon, hydrogen, and oxygen  **10.** The basic unit of a chemical element  **13.** A substance in which the particles are spread out evenly  **14.** The sticking together of alike molecules  **17.** The building blocks of protein. Only 20 of these.  **18.** A molecule composed of polymers of amino acids joined together by peptide bonds  **19.** The strength and vitality required for sub stained physical or mental activity | **Down**  **1.** A substance or layer that underlies something or on which some process occurs in particular  **2.** A substance that cannot be decomposed into simpler substances by chemical means  **3.** The minimum quantity of energy that the reacting species  **5.** A tiny or very small piece of something  **6.** DNA and RNA  **7.** A region on an enzyme that binds to a protein or other substances during a reaction  **8.** The force of attraction between unlike molecules  **9.** A substance formed when two or more chemical elements are chemically bonded together.  **11.** A substance that accepts protons from acids  **12.** A substance produced by a living organism that acts as a catalyst to bring about reactions  **15.** A group of naturally occurring molecules that include fats, waxes, and steroids  **16.** Any class of compounds that form hydrogen ions when dissolved in water |